

IN THE CLAIMS

Claims 1-51 were previously cancelled. Claims 52-102 are currently cancelled. New claims 103-130 are presented, all as follows.

Claims 1-102 (Cancelled)

103. (New) A drive unit arrangement for use in a web-fed rotary printing press comprising:

a plurality of press units in said printing press;

a separate drive motor for each of said plurality of press units and adapted to drive each said press unit independently;

a drive unit with drive regulation for each of said separate drive motors;

means for generating a master shaft angular position set point of a virtual master shaft for each said separate drive motor;

at least one first signal line adapted to carry said master shaft angular position set point to each of said drive units with drive regulation;

means for generating an offset value defining a displacement of said angular position set point of a particular one of said separate drive motors with respect to said master shaft angular position set point for said particular one of said separate drive motors; and

a second signal line adapted to carry said offset value to said drive unit with drive regulation for said particular one of said separate drive motors.

104. (New) The drive unit arrangement of claim 103 further including a higher-order control unit usable to generate said master shaft position.

105. (New) The drive unit arrangement of claim 104 further including at least one lower-order drive control unit and said drive unit with drive regulation for each of said separate drive motors,

each said lower-order drive control unit receiving said master shaft position for each said separate drive motor from said at least one first signal line.

106. (New) The drive unit arrangement of claim 103 wherein said offset value is a permanent said displacement.

107. (New) The drive unit arrangement of claim 103 wherein one of said plurality of press units is a printing group and another of said plurality of press units is a web processing unit located after, in a direction of web travel through said web-fed rotary printing press, said printing group, said offset value for each said drive unit with drive regulation for each said drive unit of said printing group and said web processing unit being transmitted by said second signal line.

108. (New) The drive unit arrangement of claim 103 wherein each of said drive units with drive regulation for each of said separate drive motors for all of said plurality of press units are connected to said second signal line.

109. (New) The drive unit arrangement of claim 107 wherein each said web processing unit is a web folder.

110. (New) The drive unit arrangement of claim 103 further including at least one web track in said web-fed rotary printing press and wherein all of said plurality of units in said at least one web track are connected to a common one of said at least one first signal line.

111. (New) The drive unit arrangement of claim 110 wherein an offset value is supplied to each of said drive units with drive regulation for each of said separate drive motors in said at least one web track.

112. (New) The drive unit arrangement of claim 103 wherein an offset value of said master shaft position is zero.

113. (New) The drive unit arrangement of claim 103 further including a common lower-order drive control unit connected to several of said drive units with drive regulation using said second signal line.

114. (New) The drive unit arrangement of claim 113 wherein said several drive units with drive regulation and connected to said common lower-order drive control unit form a drive group.

115. (New) The drive unit arrangement of claim 114 wherein said common lower-order drive control unit is adapted to perform a specific processing of control signals for said drive units with drive regulation of said drive group.

116. (New) The drive unit arrangement of claim 114 wherein said drive group includes several printing groups of said web-fed rotary printing press.

117. (New) The drive unit arrangement of claim 114 wherein said drive group includes several drive sub-groups, each of said drive sub-groups being a printing unit with at least one printing group.

118. (New) The drive unit arrangement of claim 114 further including several of said first signal lines and wherein said drive units of said drive group are adapted to be assigned to different ones of said several of said first signal lines.

119. (New) The drive unit arrangement of claim 117 further including several virtual master shafts and wherein said at least one first signal line carries signals of master shaft positions of said several virtual master shafts.

120. (New) The drive unit arrangement of claim 119 wherein said drive unit with drive regulation for each of said sub-groups receive said angular position set points from a separate one of said several virtual master shafts.

121. (New) The drive unit arrangement of claim 103 wherein specific ones of said offset values are specified to said drive control units with drive regulation for each of said separate drive motors.

122. (New) The drive unit arrangement of claim 103 wherein specific ones of said offset values are specified in said drive units with drive regulation.

123. (New) The drive unit arrangement of claim 122 wherein specific angular position set points for each said drive unit with drive regulation are formed from said master shaft position and said specific offset values.

124. (New) The drive unit arrangement of claim 103 further including a computing and data processing unit and wherein said plurality of press units are connected with each other and with said computing and data processing unit using said second signal line.

125. (New) The drive unit arrangement of claim 124 wherein said second signal line carries communication regarding set point specifications and transmission of actual values from said computing and data processing unit to said drive units with drive regulation.

126. (New) The drive unit arrangement of claim 103 further including an operating unit adapted to receive said offset values.

127. (New) The drive unit arrangement of claim 103 further including a memory unit adapted to store said offset values for a specific production run of said web-fed rotary printing press and from which memory unit said values can be read out.

128. (New) A method for driving a web-fed rotary printing machine including:

providing a plurality of press units in said printing machine;

providing a separate drive motor for each of said plurality of press units;

using each said separate drive motor for driving each of said plurality of press units;

providing a drive unit with drive regulation for each of said separate drive motors;

generating a master shaft angular position set point of a virtual master shaft for each of said separate drive motors;

providing at least one first signal line;

using said at least one first signal line for carrying said master shaft angular position set points to each of said drive units;

generating an offset value defining a displacement of said angular set point position of a particular one of said separate drive motors with respect to said master shaft angular position set point for said particular one of said separate drive motors;

providing a second signal line; and

using said second signal line for transmitting said offset values for said particular one of said separate drive motors to said drive unit with drive regulation for said particular one of said separate drive motors.

129. (New) The method of claim 128 further including determining relevant ones of said plurality of press units participating in a production run of said web-fed rotary printing press, providing a higher-order drive control unit, using said at least one first signal line for carrying said master shaft angular set points to said relevant ones of said plurality of printing units from said higher-order drive control unit, providing a lower-order drive control unit and using said lower order drive control unit for transmitting said offset values from said second signal line to said drive units with drive regulation.

130. (New) A method for driving a web-fed rotary printing machine including:

- providing a plurality of press units in said printing machine;
- providing a separate drive motor for each of said plurality of printing units;
- using each said separate drive motor for driving each of said plurality of press units;
- providing a drive unit with drive regulation for each of said separate drive motors;
- generating a master shaft angular position set point of a virtual machine shaft for each of said separate motors;
- providing at least one first signal line;
- using said at least one first signal line for carrying said master shaft angular position set point;
- providing a lower-order drive control unit;
- using said lower-order drive control unit for receiving said master shaft angular position set point and a specific offset for each said press unit;
- determining a guide value for positioning each said respective drive unit in said lower-order drive control unit; and
- issuing said guide value to a group of several of said plurality of press units.